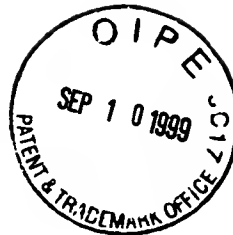


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Response to Office Action - 07/08/99

Application/Control No. 09/093,001



In the Detailed Description of the Preferred Embodiments:

Figure 2, 3rd and 4th Sentences: INSERT “, 4” after “potentiostat”

In the Claims:

Claim 1, line 2, CANCEL “and” after “hand-held”
INSERT “,” after “nondestructive”
INSERT “flexible” after “nondestructive”

Claim 1, line 4, CANCEL “(actual, environmental or *in situ*)” and SUBSTITUTE “, service, or laboratory”

Claim 1, line 6, CANCEL “(“ after “spectrum” and INSERT “,” after “spectrum”

Claim 1, line 7, CANCEL “AC” and SUBSTITUTE “ac”

Claim 1, line 8, CANCEL the second “)” and INSERT “,” after “(EIS)”

Claim 1, lines 13 and 14, CANCEL “, which may be either straight in structural configuration (in the form of a pen) or bent in a curved or angled fashion to achieve better access through small openings,”

Claim 1, line 16, CANCEL “top coat” and SUBSTITUTE “surface”

Claim 1, line 25, CANCEL “potentiostat’s microcomputer” and SUBSTITUTE
“microcomputer-controlled potentiostat”
INSERT “, and which compares the low-frequency impedance with
standard values or other measurements.” after “signatures”

Claim 1, line 27, CANCEL “converting” and SUBSTITUTE “comparing”

INSERT “of the metallic structure to corrosion-inducing or coating-
degrading conditions” after “exposure”

Claim 2, line 2, CANCEL “(actual, environmental or *in situ*)” and SUBSTITUTE “, service, or laboratory”

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A 1

A 2

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